

# NEBRASKA

## WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending June 23, 1996

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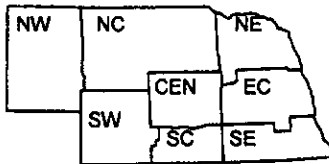
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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
Cooperative Extension Service  
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### WEATHER

Temperatures averaged near normals across the State. They varied from one degree below normals at Valentine to three degrees above in the east central. Precipitation was again widespread averaging from .45 inch in the Panhandle up to 2.76 inches in the east to locally heavy amounts exceeding five inches.

### GENERAL

Hot, dry weather conditions for much of last week continued to promote rapid crop and pasture development, according to the Nebraska Agricultural Statistics Service. However, thunderstorms hit the northeast and east central parts of the State on June 19th and 20th, which brought hail, high winds, heavy rain, and tornadoes. The storms caused varying degrees of crop and property damage ranging from minor damage to total crop loss in some fields. Weekend rainfall over most of the State kept producers out of the field and left water standing in some eastern fields. Producer activities included winding up planting, spraying herbicides, cultivating row crops, cutting of alfalfa, grain marketing and livestock care.

### CROPS

Winter wheat condition improved from the previous week and rated 5% very poor, 21% poor, 39% fair, 31% good and 4% excellent. The crop was turning color rapidly with 37% turning as of Sunday. This compares with 39% last year and 65% for the five-year average. Reporters in the southern parts of the State expect test cutting to begin the first week of July.

Corn condition rated 1% very poor, 3% poor, 17% fair, 60% good, and 19% excellent. Producers were busy cultivating and spraying for weeds before the rainfall occurred. Corn borer moths were noticed in the central and east central

parts of the State. Localized damage, some severe, occurred from hail storms of the 19th and 20th in the northeast and east central districts.

Soybean planting was virtually complete with 99% planted by week's end, compared with 96% last year and 98% for the five-year average. The crop was 91% emerged compared with 75% in 1995 and 92% average. Crop condition rated 1% very poor, 3% poor, 18% fair, 66% good, and 12% excellent.

Sorghum planting progress was also nearly complete with 99% planted to date. This compares with last year's 90% and the five-year average of 97%. Emergence was at 92% compared to 66% last year and 92% for the five-year average. Crop condition rated 1% very poor, 2% poor, 26% fair, 64% good, and 7% excellent.

Oats condition rated 2% very poor, 9% poor, 27% fair, 52% good, and 10% excellent. The crop was 68% headed as of Sunday.

Dry bean plantings were 98% complete as of Sunday with 83% emerged. Last year at this time, 88% was planted and 49% of the crop had emerged.

Alfalfa condition rated 2% very poor, 6% poor, 26% fair, 51% good, and 15% excellent. The first cutting advanced to 84% complete, compared with 80% last year and 89% for the average. Wild hay condition rated 2% poor, 22% fair, 58% good, and 18% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated 2% poor, 18% fair, 68% good and 12% excellent. Pasture continued to develop well with good moisture and sunshine. Flies were becoming a problem for cattle in the northeast, east central and southeast parts of the State.

FIELD WORK PROGRESS AS OF JUNE 23, 1996	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	6	7	8	25	21	58	68	71	37	14	39	65
% Sorghum Planted	0	100	99	100	98	96	99	99	99	92	90	97
% Sorghum Emerged	0	96	83	89	91	95	93	92	92	55	66	92
% Soybeans Planted	0	100	99	100	99	100	100	99	99	95	96	98
% Soybeans Emerged	0	99	91	90	89	98	99	93	91	73	75	92
% Alfalfa First Cutting	64	83	83	88	89	85	83	96	84	66	80	89
% Oats Headed	47	93	60	68	75	72	85	91	68	38	n/a	n/a
% Dry Beans Planted	99	100	100	100	0	94	0	0	98	86	88	n/a
% Dry Beans Emerged	90	100	100	95	0	55	0	0	83	49	49	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 21, 1996												
Days suitable	5.6	5.7	4.0	4.7	5.2	5.2	3.8	5.3	4.9	6.1	6.5	
Topsoil moisture - Very Short	0	0	0	0	0	0	1	0	0	1	6	
(Percent) - Short	17	8	0	4	13	2	7	18	9	14	38	
- Adequate	80	87	84	83	64	82	73	82	79	81	54	
- Surplus	3	5	16	13	23	16	19	0	12	4	2	
Subsoil moisture - Very Short	0	0	0	0	1	0	1	0	0	1	0	
(Percent) - Short	1	2	3	16	8	13	17	10	8	13	3	
- Adequate	95	92	87	81	75	87	82	88	86	83	85	
- Surplus	4	6	10	3	16	0	0	2	6	3	12	

n/a = not available.

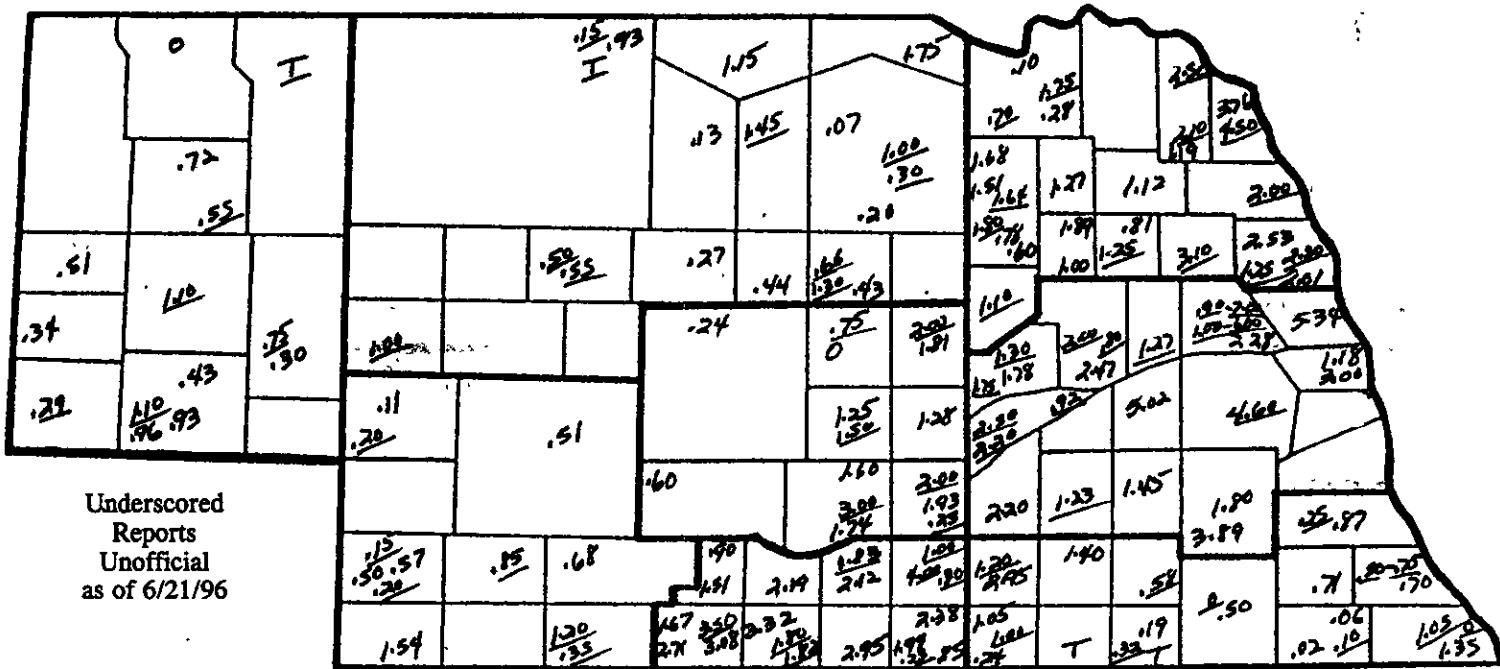
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# PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 22, 1996



## PRECIPITATION, APRIL 1 - JUNE 22, 1996

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	.45	.60	1.37	1.23	2.76	.65	2.14	.72
Total since April 1 . . . . .	6.52	8.47	9.88	11.06	15.26	9.55	13.99	13.14
Normal since April 1 . . . . .	7.00	8.07	9.36	9.00	10.06	7.63	8.82	9.90
Total as % of normal . . . . .	93%	105%	106%	123%	152%	125%	159%	133%

## TEMPERATURE AND PRECIPITATION, WEEK ENDING SATURDAY, JUNE 22, 1996 GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 23, 1996

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
	Max	Min						
NW	Chadron	96	51	70	---	---	---	---
	Scottsbluff	97	52	70	+1	.51	619	764
	Sidney	89	50	69	---	.93	562	696
NC	Valentine	91	45	68	-1	.93	---	---
	Arthur	---	---	---	---	554	693	782
	O'Neill	---	---	---	---	567	721	854
NE	Norfolk	91	57	73	+2	1.89	---	---
	Sioux City	89	61	73	+1	3.76	---	---
	Concord	---	---	---	---	588	757	939
	Elgin	---	---	---	---	585	757	940
	West Point	---	---	---	---	626	815	946
CEN	Grand Island	93	62	75	+2	1.93	---	---
	Ord	94	58	73	---	616	788	911
	Kearney	---	---	---	---	675	862	947
EC	Lincoln	94	59	77	+3	1.80	713	916
	Omaha	91	63	76	+3	1.18	---	---
	Central City	---	---	---	---	668	857	990
	Mead	---	---	---	---	684	885	1006
SW	Imperial	90	56	71	---	.57	---	---
	North Platte	90	54	71	+2	.51	639	805
	McCook	---	---	---	---	685	859	960
SC	Holdrege	---	---	---	---	699	886	953
	Red Cloud	---	---	---	---	742	937	981
SE	Beatrice	---	---	---	---	750	950	947
	Clay Center	---	---	---	---	673	854	987

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the High Plains Climate Center.